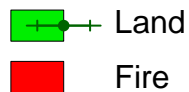
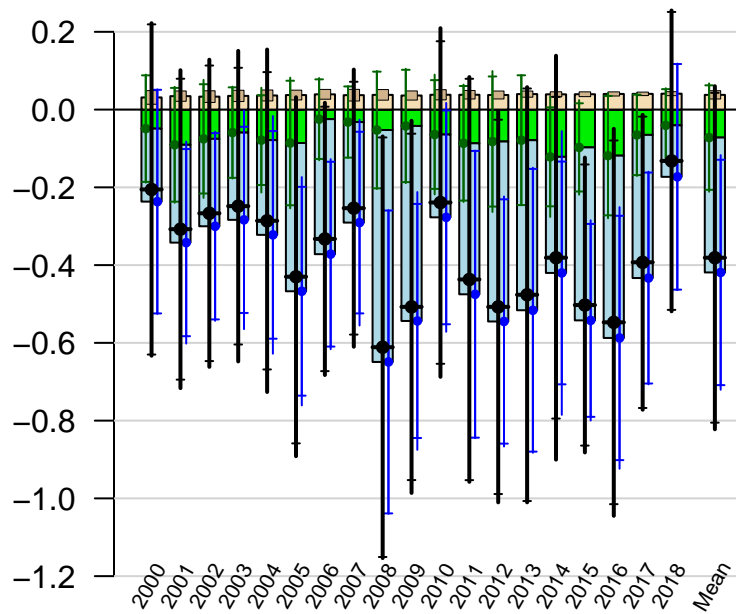
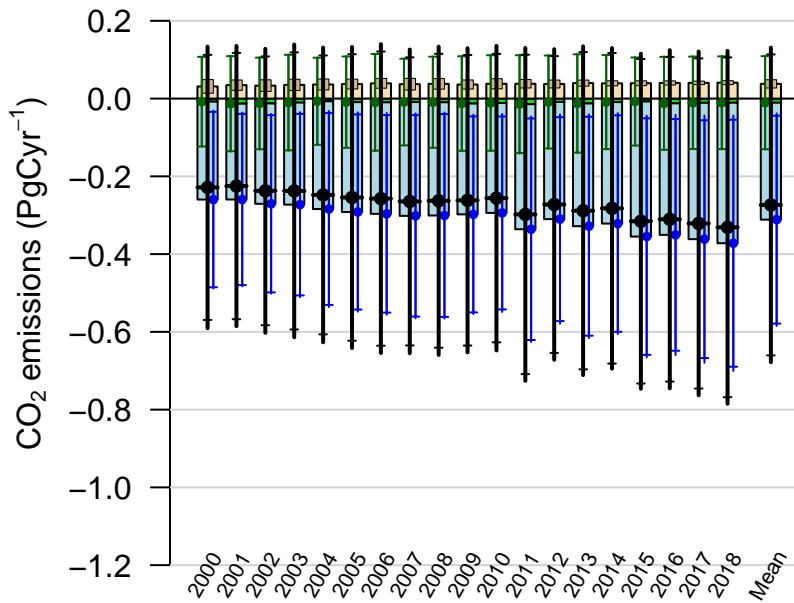


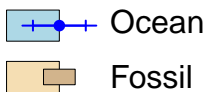
# Northern Ocean annual total emissions

First guess

Optimized



Land



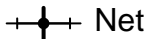
Ocean



Fire



Fossil



Net

1- $\sigma$  Uncertainties  
Total  $\updownarrow$  Across-model  
Within-model

CarbonTracker CT2019  
Created 2019-Dec-30

